Table K2. - Soil Features

Esmeralda County Area, Nevada

Absence of an entry indicates that the feature is not a concern or that data were not estimated.

Map Symbol		Restric	tive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		ln	In		In	In	•		
100: Unsel					0		Low	High	Low
Belted	Duripan	6-14	4-17		0		Low	High	Low
Orphant	Duripan	14-20			0		Low	High	Low
101: Unsel					0		Low	Lliab	Low
Unsei					U		Low	High	Low
Wardenot					0		Low	High	Low
Izo					0		Low	High	Low
103:									
Unsel					0		Low	High	Low
Izo					0		Low	High	Low
Silverbow	Duripan	8-14	4-17		0		Low	High	Low

105:



Map Symbol		Restric	tive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
	•	In	In		In	In			
105: Unsel					0		Low	High	Low
311001					Ü		2011	r iigi i	2011
Itme					0		Low	High	Low
Advokay	Bedrock (paralithic)	4-14			0		Low	High	Low
navokay	Bearook (paramino)	7 17			· ·		Low	riigii	Low
106:									
Unsel					0		Low	High	Low
Wardenot					0		Low	High	Low
Terlco					0		Low	High	Moderate
108:									
Unsel					0		Low	High	Low
Izo					0		Low	High	Low
109: Unsel					0		Low	High	Low
Olisei					U		LOW	Піўн	LOW
Advokay	Bedrock (paralithic)	4-14			0		Low	High	Low

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
109: Blacktop	Bedrock (lithic)	4-10			0		Low	High	Low
110: Blacktop	Bedrock (lithic)	4-10			0		Low	High	Low
ыаскор	Bedrock (intrie)	410			Ü		LOW	riigii	LOW
Rock Outcrop									
Pintwater	Bedrock (lithic)	10-20			0		Low	High	Low
111: Blacktop	Bedrock (lithic)	4-10			0		Low	High	Low
	, ,							3	
Rodad	Bedrock (paralithic)	4-14			0		Low	High	Low
Theriot	Bedrock (lithic)	4-20			0		Low	High	Low
112:	Decided at 1000 (2)	4.40			0		Laur	I Park	Law
Blacktop	Bedrock (lithic)	4-10			0		Low	High	Low
Rock Outcrop									
115:					_				
Blacktop	Bedrock (lithic)	4-10			0		Low	High	Low

Map Symbol		Restrict	tive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
	•	In	In		In	In			
115:									
Rock Outcrop									
Wahguyhe	Bedrock (lithic)	14-20			0		Low	High	Low
120:									
Leo					0		Low	High	Low
Belcher	Duripan	5-18	4-17		0		Low	High	Low
	Bedrock (paralithic)	10-20							
121:									
Leo					0		Low	High	Low
Ardivey					0		Low	High	Low
122: Leo					0		Low	High	Low
								3	
Izo					0		Low	High	Low
124:									
Leo					0		Low	High	Low

Map Symbol		Restrict	ve Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
124: Koyen					0		Low	High	Low
126:									
Leo					0		Low	High	Low
Itme					0		Low	High	Low
Izo					0		Low	High	Low
127:									
Leo					0		Low	High	Low
Unsel					0		Low	High	Low
Belcher	Duripan	5-18	4-17		0		Low	High	Low
	Bedrock (paralithic)	10-20							
128:									
Leo					0		Low	High	Low
Stonell					0		Low	High	Low
130:									

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of Corrosion	
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In		•	
130: Belcher	Duripan	5-18	4-17		0		Low	High	Low
	Bedrock (paralithic)	10-20							
Timper	Duripan	10-20			0		Low	High	Low
Noyson	Duripan	20-36	4-17		0		Low	High	Low
131: Belcher	Duripan	5-18	4-17		0		Low	High	Low
	Bedrock (paralithic)	10-20							
Playas					0		None	High	High
Yomba					0		Low	High	Low
140: Stumble					0		Low	High	Low
141: Stumble					0		Low	High	Low

Kind	Depth to Top In	Thickness	Hardness	1 22 1		for Frost	Uncoated	
During	In			Initial	Total	Action	Steel	Concrete
Dunings		In		In	In			
	5-18	4-17		0		Low	Lliab	Law
Duripan	5-16	4-17		0		LOW	High	Low
Bedrock (paralithic)	10-20							
				0		Low	High	Low
				0		Low	High	Low
				0		Low	High	Low
				0		Low	High	Low
				0		Low	High	Low
				Ü		LOW	riigii	LOW
				0		Low	High	Low
				0		Low	High	Low
				0		Low	High	Low
							0 Low	0 Low High

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
151: Kawich					0		Low	High	Low
Playas					0		None	High	High
160: Yomba					0		Low	High	Low
Tomba					Ü		2011	9	20
Playas					0		None	High	High
Youngston					0		Low	High	Moderate
161:									
Yomba					0		Low	High	Low
Wardenot					0		Low	High	Low
Izo					0		Low	High	Low
162:								18.1	
Yomba					0		Low	High	Low
Playas					0		None	High	High

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
162:					_				
Youngston					0		Low	High	Moderate
163:									
Kawich					0		Low	High	Low
Playas					0		None	High	High
i iayas					O		None	riigii	riigii
Yomba					0		Low	High	Low
164:									
Yomba					0		Low	High	Low
Kawich					0		Low	High	Low
Playas									
165:									
Yomba					0		Low	High	Low
Belcher	Duripan	5-18	4-17		0		Low	High	Low
	Bedrock (paralithic)	10-20							

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of Corrosion	
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
165:									
Playas									
180:									
Youngston					0		Low	High	Moderate
Playas					0		None	High	High
190:					0		Law	Llink	Madauata
Terlco					0		Low	High	Moderate
Wardenot					0		Low	High	Low
191: Terlco					0		Low	High	Moderate
Terico					U		LOW	riigii	Moderate
Advokay	Bedrock (paralithic)	4-14			0		Low	High	Low
Downeyville	Bedrock (lithic)	4-14			0		Low	High	Low
193:									
Terlco					0		Low	High	Moderate
Pintwater	Bedrock (lithic)	10-20			0		Low	High	Low

Esmeralda County Area, Nevada

Map Symbol		Restrict	ive Layer		Subsid	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
	•	In	ln		In	In			
193: Wardenot					0		Low	High	Low
194: Terlco					0		Low	High	Moderate
Roic	Bedrock (paralithic)	4-14			0		Low	High	High
Wardenot					0		Low	High	Low
195:									
Terlco					0		Low	High	Moderate
Lathrop					0		Low	High	Low
Lyda	Duripan	8-14	4-17		0		Low	High	Low
196: Terlco					0		Low	High	Moderate
Tolloc					Ü		20	9	Moderate
Unsel					0		Low	High	Low
Lathrop					0		Low	High	Low

200:

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of Corrosion	
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
200: Zadvar	Duripan	10-14	4-17		0		Moderate	High	Low
Zuavai	Danpan	10 14	7 17		v		Moderate	riigii	2011
Stewval	Bedrock (lithic)	4-14			0		Moderate	Moderate	Low
201:									
Zadvar	Duripan	10-14	4-17		0		Moderate	High	Low
Veet					0		Moderate	High	Low
veet					U		Moderate	riigii	LOW
Lyda	Duripan	8-14	4-17		0		Low	High	Low
203:									
Zadvar	Duripan	10-14	4-17		0		Moderate	High	Low
Armoonon					0		Moderate	High	Low
Armespan					U		Moderate	nigri	Low
Wrango					0		Low	High	Low
Ü								3	
211:									
Lomoine	Bedrock (lithic)	4-14			0		Moderate	High	Low
5	B 1 1 2 100 100 1				-				
Pumel	Bedrock (paralithic)	4-14			0		Low	High	Low

Map Symbol		Restrict	tive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
	•	In	In		In	In			
211:									
Rock Outcrop									
220:									
Advokay	Bedrock (paralithic)	4-14			0		Low	High	Low
Itme					0		Low	High	Low
221:									
Advokay	Bedrock (paralithic)	4-14			0		Low	High	Low
Blacktop	Bedrock (lithic)	4-10			0		Low	High	Low
Itme					0		Low	High	Low
222:									
Advokay	Bedrock (paralithic)	4-14			0		Low	High	Low
Blacktop	Bedrock (lithic)	4-10			0		Low	High	Low
224:									
Advokay	Bedrock (paralithic)	4-14			0		Low	High	Low
Ardivey					0		Low	High	Low

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
224: Leo					0		Low	High	Low
225:									
Advokay	Bedrock (paralithic)	4-14			0		Low	High	Low
Blacktop	Bedrock (lithic)	4-10			0		Low	High	Low
Tomel	Duripan	10-20	4-17		0		Low	High	Low
230: Downeyville	Bedrock (lithic)	4-14			0		Low	High	Low
Stewval	Bedrock (lithic)	4-14			0		Moderate	Moderate	Low
Rock Outcrop									
231: Stewval	Bedrock (lithic)	4-14			0		Moderate	Moderate	Low
Pintwater	Bedrock (lithic)	10-20			0		Low	High	Low
Rock Outcrop									

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
	•	In	In		In	In			
232: Stewval	Bedrock (lithic)	4-14			0		Moderate	Moderate	Low
Advokay	Bedrock (paralithic)	4-14			0		Low	High	Low
Itme					0		Low	High	Low
233:									
Stewval	Bedrock (lithic)	4-14			0		Moderate	Moderate	Low
Blacktop	Bedrock (lithic)	4-10			0		Low	High	Low
Rock Outcrop									
234:									
Stewval	Bedrock (lithic)	4-14			0		Moderate	Moderate	Low
Bellehelen	Bedrock (lithic)	7-14			0		Moderate	Moderate	Low
Rock Outcrop									
235:									
Stewval	Bedrock (lithic)	4-14			0		Moderate	Moderate	Low

Map Symbol		Restric	tive Layer		Subsi	dence	Potential	Risk of C	orrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
235: Bellehelen	Bedrock (lithic)	7-14			0		Moderate	Moderate	Low
Gabbvally	Bedrock (lithic)	6-14			0		Moderate	Moderate	Low
236:									
Stewval	Bedrock (lithic)	4-14			0		Moderate	Moderate	Low
Downeyville	Bedrock (lithic)	4-14			0		Low	High	Low
Rock Outcrop									
237:									
Stewval	Bedrock (lithic)	4-14			0		Moderate	Moderate	Low
Gabbvally	Bedrock (lithic)	6-14			0		Moderate	Moderate	Low
Rock Outcrop									
238:									
Stewval	Bedrock (lithic)	4-14			0		Moderate	Moderate	Low

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of C	orrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
238: Malmesa	Duripan	14-20	0-3		0		Moderate	High	Low
	Bedrock (lithic)	14-20							
Wahguyhe	Bedrock (lithic)	14-20			0		Low	High	Low
239: Stewval	Bedrock (lithic)	4-14			0		Moderate	Moderate	Low
Wahguyhe	Bedrock (lithic)	14-20			0		Low	High	Low
Pintwater	Bedrock (lithic)	10-20			0		Low	High	Low
240: Settlement					0		High	High	High
Aquic Calciorthids					0		High	High	Low
Typic Calciaqoulls					0		High	High	Low
250: Theriot	Bedrock (lithic)	4-20			0		Low	High	Low

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of Corrosion	
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
	•	In	In		In	In	•	•	
250: Kyler	Bedrock (lithic)	6-14			0		Moderate	High	Low
.,,	200,000 (0)	•			v		ouo.a.c	9	
Rock Outcrop									
251:									
Theriot	Bedrock (lithic)	4-20			0		Low	High	Low
Rock Outcrop									
252: Theriot	Bedrock (lithic)	4-20			0		Low	High	Low
	(, , ,							3	
Kyler	Bedrock (lithic)	6-14			0		Moderate	High	Low
					_				
Leo					0		Low	High	Low
253:									
Theriot	Bedrock (lithic)	4-20			0		Low	High	Low
Slatery	Bedrock (paralithic)	4-12			0		Low	High	Low
Rock Outcrop									

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
	•	In	In		In	In			
254: Rodad	Bedrock (paralithic)	4-14			0		Low	High	Low
Theriot	Bedrock (lithic)	4-20			0		Low	High	Low
Leo					0		Low	High	Low
270: Lathrop					0		Low	High	Low
Leo					0		Low	High	Low
271: Lathrop					0		Low	High	Low
Itme					0		Low	High	Low
272: Lathrop					0		Low	High	Low
Itme					0		Low	High	Low
Zadvar	Duripan	10-14	4-17		0		Moderate	High	Low

Map Symbol		Restrict	tive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
	-1	In	In		In	In	•		
273: Lathrop					0		Low	High	Low
•								J	
Terlco					0		Low	High	Moderate
lzo					0		Low	High	Low
276: Lathrop					0		Low	High	Low
·								· ·	
Wardenot					0		Low	High	Low
Lyda	Duripan	8-14	4-17		0		Low	High	Low
278:									
Lathrop					0		Low	High	Low
Belted	Duripan	6-14	4-17		0		Low	High	Low
Veet					0		Moderate	High	Low
280:	Dodrook (lithia)	E 4.4			0		Low	Lliab	Low
Tognoni	Bedrock (lithic)	5-14			0		Low	High	Low

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
280: Blacktop	Bedrock (lithic)	4-10			0		Low	High	Low
Tognoni	Bedrock (lithic)	5-14			0		Low	High	Low
281: Tognoni	Bedrock (lithic)	5-14			0		Low	High	Low
Blacktop	Bedrock (lithic)	4-10			0		Low	High	Low
Downeyville	Bedrock (lithic)	4-14			0		Low	High	Low
282: Tognoni	Bedrock (lithic)	5-14			0		Low	High	Low
Gabbvally	Bedrock (lithic)	6-14			0		Moderate	Moderate	Low
Malmesa	Duripan	14-20	0-3		0		Moderate	High	Low
	Bedrock (lithic)	14-20							
290: Pumel	Bedrock (paralithic)	4-14			0		Low	High	Low

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
290:									
Rock Outcrop									
Itme					0		Low	High	Low
291:									
Pumel	Bedrock (paralithic)	4-14			0		Low	High	Low
Rock Outcrop									
Pumel	Bedrock (paralithic)	4-14			0		Low	High	Low
294:									
Pumel	Bedrock (paralithic)	4-14			0		Low	High	Low
Upspring	Bedrock (lithic)	4-14			0		None	High	Low
295: Pumel	Bedrock (paralithic)	4-14			0		Low	High	Low
	. ,							Ü	
Thike	Bedrock (lithic)	5-14			0		Moderate	Moderate	Low
Rock Outcrop									

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
300: Itme					0		Low	High	Low
Itme					0		Low	High	Low
301: Itme					0		Low	High	Low
					-			g	
302: Itme					0		Low	High	Low
Luning					0		Low	High	Low
Wardenot					0		Low	High	Low
304:									
Itme					0		Low	High	Low
Itme					0		Low	High	Low
310: Gynelle					0		Low	High	Low
_,					ŭ		_5	9	_0,,
Oricto					0		Low	High	High

Map Symbol		Restric	tive Layer		Subsi	dence	Potential	Risk of Corrosion	
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In	•		
311: Gynelle					0		Low	High	Low
Cirac					0		Low	High	High
Playas									
312: Gynelle					0		Low	High	Low
Gynelle					0		Low	High	Low
Oricto					0		Low	High	High
313: Gynelle					0		Low	High	Low
Luning					0		Low	High	Low
Gynelle					0		Low	High	Low
314: Gynelle					0		Low	High	Low

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Map Symbol		Restrict	ive Layer		Subs	idence	Potential	Risk of Corrosion	
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
314:									
Cirac					0		Low	High	High
Oricto					0		Low	High	High
316:									
Gynelle					0		Low	High	Low
Wardenot					0		Low	High	Low
317:									
Gynelle					0		Low	High	Low
Oricto					0		Low	High	High
Playas									
321:									
Oricto					0		Low	High	High
Roic	Bedrock (paralithic)	4-14			0		Low	High	High
Gynelle					0		Low	High	Low

323:

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of C	orrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
323: Oricto					0		Low	High	High
Terlco					0		Low	High	Moderate
Roic	Bedrock (paralithic)	4-14			0		Low	High	High
326: Blacktop	Bedrock (lithic)	4-10			0		Low	High	Low
Oricto					0		Low	High	High
Gynelle					0		Low	High	Low
327: Oricto					0		Low	High	High
Gynelle					0		Low	High	Low
331: Candelaria					0		Low	High	High
Gynelle					0		Low	High	Low

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Map Symbol		Restrict	ive Layer		Subsid	dence	Potential	Risk of Corrosion	
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
331: Izo					0		Low	High	Low
334:					•		Law	I Pada	1.2 -1-
Candelaria					0		Low	High	High
Izo					0		Low	High	Low
340: Zaba					0		Low	High	Low
341: Zaba					0		Low	High	Low
Gynelle					0		Low	High	Low
342:									
Zaba					0		Low	High	Low
Slaw					0		Moderate	High	High
Yomba					0		Low	High	Low

350:

	Restrict	ive Layer		Subsi	dence	Potential	Risk of Corrosion	
Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
	In	In		In	In			
Bedrock (paralithic)	4-14			0		Low	High	High
				0		Low	High	High
				0		Low	High	Low
De doe al. (a analithia)	4.44			0		Law	I Park	I P ada
Bedrock (paralitnic)	4-14			Ü		LOW	Hign	High
Bedrock (paralithic)	4-14			0		Low	High	Low
Bedrock (paralithic)	4-14			0		Low	High	High
				0		Low	High	Low
Bedrock (paralithic)	1-4			0		None	High	High
Bedrock (paralithic)	4-14			0		Low	High	High
	Bedrock (paralithic) Bedrock (paralithic) Bedrock (paralithic) Bedrock (paralithic) Bedrock (paralithic)	Kind Depth to Top In Bedrock (paralithic) 4-14 Bedrock (paralithic) 4-14 Bedrock (paralithic) 4-14 Bedrock (paralithic) 4-14 Bedrock (paralithic) 4-14 Bedrock (paralithic) 1-14	In	Kind Depth to Top to Thickness Hardness In In Bedrock (paralithic) 4-14 Bedrock (paralithic) 4-14 Bedrock (paralithic) 4-14 Bedrock (paralithic) 4-14 Bedrock (paralithic) 4-14 Bedrock (paralithic) 1-4	Kind Depth to Top to Top Thickness Hardness Initial In In In In Bedrock (paralithic) 4-14 0 0 0 Bedrock (paralithic) 4-14 0 Bedrock (paralithic) 4-14 Bedrock (paralithic) 4-14 0 Bedrock (paralithic) 4-14 0 Bedrock (paralithic) 4-14 0 Bedrock (paralithic) 4-14 0	Kind Depth to Top Thickness Hardness Initial Total	Kind Depth to Top	Kind Depth to Top Thickness Hardness Initial Total for Frost Action Uncoated Steel Bedrock (paralithic) 4-14 0 Low High 0 Low High Bedrock (paralithic) 4-14 0 Low High Bedrock (paralithic) 4-14 0 Low High Bedrock (paralithic) 4-14 0 Low High 0 Low High Bedrock (paralithic) 4-14 0 Low High Bedrock (paralithic) 4-14 0 Low High Bedrock (paralithic) 4-14 0 Low High

Map Symbol		Restric	tive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	ln	•		
353: Stumble					0		Low	High	Low
Badland	Bedrock (paralithic)	1-4			0		None	High	High
354: Roic	Bedrock (paralithic)	4-14			0		Low	High	High
Stumble					0		Low	High	Low
Vindicator	Bedrock (paralithic)	4-14			0		Low	High	Low
355: Roic	Bedrock (paralithic)	4-14			0		Low	High	High
Roic	Bedrock (paralithic)	4-14			0		Low	High	High
Gullied Land									
356: Advokay	Bedrock (paralithic)	4-14			0		Low	High	Low
Roic	Bedrock (paralithic)	4-14			0		Low	High	High

Map Symbol		Restricti	ive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
050		In	In		ln	In			
356: Blacktop	Bedrock (lithic)	4-10			0		Low	High	Low
360:									
Downeyville	Bedrock (lithic)	4-14			0		Low	High	Low
Pintwater	Bedrock (lithic)	10-20			0		Low	High	Low
Rock Outcrop									
361:									
Downeyville	Bedrock (lithic)	4-14			0		Low	High	Low
Pumel	Bedrock (paralithic)	4-14			0		Low	High	Low
Rock Outcrop									
362:									
Downeyville	Bedrock (lithic)	4-14			0		Low	High	Low
Blacktop	Bedrock (lithic)	4-10			0		Low	High	Low
Rock Outcrop									

Esmeralda County Area, Nevada

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of C	orrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		ln	In			
363: Downeyville	Bedrock (lithic)	4-14			0		Low	High	Low
Silverbow	Duripan	8-14	4-17		0		Low	High	Low
Rock Outcrop									
364: Downeyville	Bedrock (lithic)	4-14			0		Low	High	Low
Vindicator	Bedrock (paralithic)	4-14			0		Low	High	Low
Advokay	Bedrock (paralithic)	4-14			0		Low	High	Low
365: Downeyville	Bedrock (lithic)	4-14			0		Low	High	Low
Gabbvally	Bedrock (lithic)	6-14			0		Moderate	Moderate	Low
Malmesa	Duripan	14-20	0-3		0		Moderate	High	Low
	Bedrock (lithic)	14-20							

367:



Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of C	orrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
367: Downeyville	Bedrock (lithic)	4-14			0		Low	High	Low
Gabbvally	Bedrock (lithic)	6-14			0		Moderate	Moderate	Low
368: Downeyville	Bedrock (lithic)	4-14			0		Low	High	Low
Pintwater	Bedrock (lithic)	10-20			0		Low	High	Low
Upspring	Bedrock (lithic)	4-14			0		None	High	Low
369: Downeyville	Bedrock (lithic)	4-14			0		Low	High	Low
Downeyville	Dedrock (IIIIIIC)	4-14			U		LOW	riigii	LOW
Advokay	Bedrock (paralithic)	4-14			0		Low	High	Low
Pintwater	Bedrock (lithic)	10-20			0		Low	High	Low
370:									
Rustigate					0		High	High	Low
Louderback					0		Moderate	High	Low

Esmeralda County Area, Nevada

Map Symbol		Restricti	ive Layer		Subs	idence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
370:					•				
Cirac					0		Low	High	High
371:									
Rustigate					0		High	High	Low
Slaw					0		Moderate	High	High
Playas					0		None	High	High
Typic Halaquepts									
21									
372:									
Rustigate					0		High	High	Low
Rustigate					0		Lliah	Lliab	Low
Rustigate					0		High	High	LOW
Nuyobe					0		High	High	High
•							· ·	· ·	· ·
Settlement					0		High	High	High
Fluvaquentic Haplaquolls									

373:



Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of Corrosion	
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
	•	In	In		In	In	•	•	
373: Rustigate					0		High	High	Low
Kawich					0		Low	High	Low
Cirac					0		Low	High	High
380:									
Nuyobe					0		High	High	High
Rustigate					0		High	High	Low
Playas					0		None	High	High
390:									
Noyson	Duripan	20-36	4-17		0		Low	High	Low
Stumble					0		Low	High	Low
Izo					0		Low	High	Low
391:									
Noyson	Duripan	20-36	4-17		0		Low	High	Low

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		ln	In			
391: Lathrop					0		Low	High	Low
Launop					v		2011	g	2011
Itme					0		Low	High	Low
					-			9	
400:									
Annaw					0		Low	High	Low
Wardenot					0		Low	High	Low
Ardivey					0		Low	High	Low
402: Annaw					0		Low	High	Low
7 Hillaw					v		Low	riigii	LOW
Wardenot					0		Low	High	Low
					-			9	
Pintwater	Bedrock (lithic)	10-20			0		Low	High	Low
410:									
Pintwater	Bedrock (lithic)	10-20			0		Low	High	Low
Wardenot					0		Low	High	Low

Map Symbol		Restrict	tive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In	•	•	
410: Unsel					0		Low	High	Low
411:									
Pintwater	Bedrock (lithic)	10-20			0		Low	High	Low
Theriot	Bedrock (lithic)	4-20			0		Low	High	Low
Wardenot					0		Low	High	Low
413: Pintwater	Bedrock (lithic)	10-20			0		Low	High	Low
Blacktop	Bedrock (lithic)	4-10			0		Low	High	Low
414:									
Pintwater	Bedrock (lithic)	10-20			0		Low	High	Low
Blacktop	Bedrock (lithic)	4-10			0		Low	High	Low
Downeyville	Bedrock (lithic)	4-14			0		Low	High	Low
420: Viene					0		Laur	Himb	Law
Vigus					0		Low	High	Low

Map Symbol		Restric	tive Layer		Subsi	dence	Potential	Risk of (Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		ln	In		In	In		•	
420: Unsel					0		Low	High	Low
Izo					0		Low	High	Low
421: Vigus					0		Low	High	Low
vigus					O		LOW	riigii	LOW
Fuegosta	Duripan	14-20	4-17		0		Low	High	Low
Izo					0		Low	High	Low
422:									
Vigus					0		Low	High	Low
Wardenot					0		Low	High	Low
430: Slaw					0		Moderate	High	High
Slaw					U		Moderate	підп	High
Playas					0		None	High	High
431:					0		Madagat	I P a b	I P ala
Slaw					0		Moderate	High	High

Esmeralda County Area, Nevada

Map Symbol		Restrict	ve Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
431: Kawich					0		Low	High	Low
Nuyobe					0		High	High	High
DI.									
Playas									
432:									
Slaw					0		Moderate	High	High
Kawich					0		Low	High	Low
Rawion					O		LOW	riigii	LOW
Playas					0		None	High	High
433: Slaw					0		Moderate	High	High
					•			9	9
Slaw					0		Moderate	High	High
Cirac					0		Low	High	High
Playas									
Playas									

440:



Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of Corrosion	
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
440: Wardenot					0		Low	High	Low
Unsel					0		Low	High	Low
Yomba					0		Low	High	Low
442: Wardenot					0		Low	High	Low
Izo					0		Low	High	Low
443: Wardenot					0		Low	High	Low
Roic	Bedrock (paralithic)	4-14			0		Low	High	High
444: Wardenot					0		Low	High	Low
Terlco					0		Low	High	Moderate
Badland									

Map Symbol		Restric	tive Layer		Subsi	idence	Potential	Risk of Corrosion	
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
	•	In	In		In	In			
445: Wardenot					0		Low	High	Low
Gynelle					0		Low	High	Low
Stonell					0		Low	High	Low
446: Wardenot					0		Low	High	Low
Annaw					0		Low	High	Low
Izo					0		Low	High	Low
447: Wardenot					0		Low	High	Low
Annaw					0		Low	High	Low
Izo					0		Low	High	Low
449: Stonell					0		Low	High	Low

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of C	orrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		ln	In			
149: Wardenot					0		Low	High	Low
Roic	Bedrock (paralithic)	4-14			0		Low	High	High
1 50:									
Cirac					0		Low	High	High
Cirac					0		Low	High	High
Oricto					0		Low	High	High
Playas									
1 51:									
Cirac					0		Low	High	High
Luning					0		Low	High	Low
Playas									
52:									
Cirac					0		Low	High	High

Map Symbol		Restric	tive Layer		Subsi	dence	i otoritiai		Risk of Corrosion	
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete	
		In	In		In	In				
452: Rustigate					0		High	High	Low	
Settlement					0		High	High	High	
Haplaquolls										
453:										
Cirac					0		Low	High	High	
Gynelle					0		Low	High	Low	
Oricto					0		Low	High	High	
Playas										
454:										
Cirac					0		Low	High	High	
Playas					0		None	High	High	
Kawich					0		Low	High	Low	

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of C	orrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
455: Cirac					0		Low	High	High
Kawich					0		Low	High	Low
Cirac					0		Low	High	High
460: Tomel	Duripan	10-20	4-17		0		Low	High	Low
Tomor	Bunpan	10 20	7 11		O .		LOW	i ligii	LOW
Ardivey					0		Low	High	Low
Wardenot					0		Low	High	Low
462:									
Tomel	Duripan	10-20	4-17		0		Low	High	Low
Wardenot					0		Low	High	Low
470:									
Ardivey					0		Low	High	Low
Unsel					0		Low	High	Low

	Depth to Top In	Thickness In	Hardness 	Initial In 0	Total In 	for Frost Action	Uncoated Steel High	Concrete
				0		Low	High	Low
						Low	High	Low
				0		Low	High	Low
				0		Low	High	Low
							-	
				0		Low	High	Low
				0		Low	High	Low
Duripan	8-14	4-17		0		Low	High	Low
				0		Low	High	Low
				0		Moderate	High	Low
ck (paralithic)	4-14			0		Low	High	Low
				0		Low	High	Low
	 Duripan 	Duripan 8-14 ck (paralithic) 4-14	Duripan 8-14 4-17 ck (paralithic) 4-14		0 Ouripan 8-14 4-17 0 0 0 ck (paralithic) 4-14 0		Low Duripan 8-14 4-17 0 Low 0 Low 0 Low 0 Low ck (paralithic) 4-14 0 Low	0 Low High Duripan 8-14 4-17 0 Low High 0 Low High 0 Moderate High ck (paralithic) 4-14 0 Low High

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of Corrosion	
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
475:					_				
Izo					0		Low	High	Low
Tomel	Duripan	10-20	4-17		0		Low	High	Low
476:									
Ardivey					0		Low	High	Low
Wardenot					0		Low	High	Low
								Ü	
Izo					0		Low	High	Low
477:									
Ardivey					0		Low	High	Low
Downeyville	Bedrock (lithic)	4-14			0		Low	High	Low
Lea					0		L	I Pada	Law
Leo					0		Low	High	Low
480:					_				
Stonell					0		Low	High	Low
Wardenot					0		Low	High	Low

Esmeralda County Area, Nevada

Map Symbol		Restricti	ve Layer		Subsi	dence	Potential	Risk of Corrosion	
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
80: Izo					0		Low	High	Low
120					U		LOW	піgп	LOW
81:									
Stonell					0		Low	High	Low
Roic	Bedrock (paralithic)	4-14			0		Low	High	High
	Doubles (paramine)				· ·		20	9	9
Wardenot					0		Low	High	Low
82: Stonell					0		Low	Lliah	Low
Storieii					0		Low	High	Low
Wardenot					0		Low	High	Low
Izo					0		Low	High	Low
84: Stonell					0		Low	High	Low
					-			9	
Gynelle					0		Low	High	Low
Wardenot					0		Low	High	Low

490:

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In		•	
490: Weepah	Bedrock (paralithic)	4-12			0		Moderate	High	Moderate
Kyler	Bedrock (lithic)	6-14			0		Moderate	High	Low
Rock Outcrop									
491:									
Rodad	Bedrock (paralithic)	4-14			0		Low	High	Low
Weepah	Bedrock (paralithic)	4-12			0		Moderate	High	Moderate
Blacktop	Bedrock (lithic)	4-10			0		Low	High	Low
492:									
Slatery	Bedrock (paralithic)	4-12			0		Low	High	Low
Weepah	Bedrock (paralithic)	4-12			0		Moderate	High	Moderate
Penelas	Bedrock (paralithic)	5-14			0		Moderate	High	Low
501:									
Eaglepass	Bedrock (lithic)	4-6			0		Moderate	High	Low

Esmeralda County Area, Nevada

Map Symbol		Restrict	ve Layer		Subsi	dence	Potential	Risk of Corrosion	
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
	•	In	ln		In	In			
501: Rock Outcrop									
510:									
Silverbow	Duripan	8-14	4-17		0		Low	High	Low
Wardenot					0		Low	High	Low
Izo					0		Low	High	Low
511:									
Silverbow	Duripan	8-14	4-17		0		Low	High	Low
Annaw					0		Low	High	Low
Ardivey					0		Low	High	Low
520:	D 1 (1911)								
Celeton	Bedrock (paralithic)	4-14			0		Low	High	Low
Dumps									
Izo					0		Low	High	Low

540:

Map Symbol		Restrict	ve Layer		Subsid	dence	Potential	Risk of C Uncoated Steel High High High High High High High High High High	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action		Concrete
		In	In		In	In	•		
540: Veet					0		Moderate	High	Low
Leo					0		Low	High	Low
541: Veet					0		Moderate	High	Low
Veet					U		Moderate	riigii	LOW
Haplaquolls									
542: Veet					0		Moderate	High	Low
Laxal					0		Low	High	Moderate
543:							Madagata	LP-st-	
Veet					0		Moderate	Hign	Low
Veet Variant					0		Moderate	High	Low
544: Ardivey					0		Low	High	Low
Aldivey					U		LUW	riigii	LOW
Veet					0		Moderate	High	Low

Map Symbol		Restrict	tive Layer		Subsi	dence	Potential	Uncoated Steel High High High High High High High	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
544:	De due els (en estiticis)	6-14			0		1	Lilada	1
Espint	Bedrock (paralithic)	0-14			0		Low	High	Low
550:									
Luning					0		Low	High	Low
Timper	Duripan	10-20			0		Low	High	Low
·	·							J	
Gynelle					0		Low	High	Low
551: Luning					0		Low	High	Low
Sodaspring					0		Low	High	Moderate
552:									
Luning					0		Low	High	Low
Candelaria					0		Low	High	High
Pintwater	Bedrock (lithic)	10-20			0		Low	High	Low
560: Unsel Variant					0		Low	∐i∼b	l avv
Unser Variant					0		Low	High	Low

Map Symbol		Restricti	ve Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
560: Vindicator	Bedrock (paralithic)	4-14			0		Low	High	Low
Espint	Bedrock (paralithic)	6-14			0		Low	High	Low
570: Espint	Bedrock (paralithic)	6-14			0		Low	High	Low
Vindicator	Bedrock (paralithic)	4-14			0		Low	High	Low
Espint	Bedrock (paralithic)	6-14			0		Low	High	Low
571:	,							ŭ	
Espint	Bedrock (paralithic)	6-14			0		Low	High	Low
Stewval	Bedrock (lithic)	4-14			0		Moderate	Moderate	Low
Vindicator	Bedrock (paralithic)	4-14			0		Low	High	Low
590: Vindicator	Bedrock (paralithic)	4-14			0		Low	High	Low
		6-14			0				
Espint	Bedrock (paralithic)	0-14			0		Low	High	Low

Kind drock (paralithic)	Depth to Top In 4-14	Thickness In	Hardness	Initial In 0 0	Total In	for Frost Action Low Low	Uncoated Steel High High	Concrete Low Low
drock (paralithic) 	 4-14 			0		Low Low	High High	Low
drock (paralithic) 	4-14 			0		Low Low	High High	Low
				0		Low	High	
				0		Low	High	
								Low
				0				
						Low	High	Low
Bedrock (lithic)	6-14			0		Moderate	Moderate	Low
drock (paralithic)	4-14			0		Low	High	Low
drock (paralithic)	4-14			0		Low	High	Low
drock (paralithic)	4-14			0		Low	High	Low
Bedrock (lithic)	4-14			0		Low	High	Low
Bedrock (lithic)	4-10			0		Low	High	Low
d d	drock (paralithic) drock (paralithic) drock (paralithic) edrock (lithic)	drock (paralithic) 4-14 drock (paralithic) 4-14 drock (paralithic) 4-14 edrock (lithic) 4-14	drock (paralithic) 4-14 drock (paralithic) 4-14 drock (paralithic) 4-14 edrock (lithic) 4-14	drock (paralithic) 4-14 drock (paralithic) 4-14 drock (paralithic) 4-14 edrock (lithic) 4-14	drock (paralithic) 4-14 0 drock (paralithic) 4-14 0 drock (paralithic) 4-14 0 edrock (lithic) 4-14 0	drock (paralithic) 4-14 0 drock (paralithic) 4-14 0 drock (paralithic) 4-14 0 edrock (lithic) 4-14 0	drock (paralithic) 4-14 0 Low drock (paralithic) 4-14 0 Low drock (paralithic) 4-14 0 Low drock (paralithic) 4-14 0 Low	drock (paralithic) 4-14 0 Low High

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
600: Trailamp	Bedrock (paralithic)	7-14			0		Moderate	High	Low
Sylvaniam	Bedrock (lithic)	20-40			0		Moderate	High	Low
601: Trailamp	Bedrock (paralithic)	7-14			0		Moderate	High	Low
Entero	Bedrock (paralithic)	5-14			0		Moderate	High	Low
610: Ubehebe	Bedrock (paralithic)	14-20			0		Moderate	High	Low
Logring	Bedrock (lithic)	7-14			0		Moderate	High	Low
Penelas	Bedrock (paralithic)	5-14			0		Moderate	High	Low
611:									
Ubehebe	Bedrock (paralithic)	14-20			0		Moderate	High	Low
Trailamp	Bedrock (paralithic)	7-14			0		Moderate	High	Low
612: Ubehebe	Bedrock (paralithic)	14-20			0		Moderate	High	Low

	Restrict	ive Layer		Subsid	dence	Potential	Risk of C	Corrosion
Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
	In	In		In	In			
Bedrock (paralithic)	4-12			0		Moderate	High	Moderate
Bedrock (paralithic)	14-20			0		Moderate	High	Low
Bedrock (paralithic)	14-20			0		Moderate	Moderate	Low
Bedrock (paralithic)	14-20			0		Moderate	High	Low
Bedrock (paralithic)	14-20			0	 -	Moderate	High	Low
,							3	
Bedrock (paralithic)	6-14			0		Moderate	Moderate	Low
Bedrock (paralithic)	14-20			0		Moderate	High	Low
Bedrock (paralithic)	14-20			0		Moderate	Moderate	Low
Bedrock (paralithic)	14-20			0		Moderate	High	Low
	Bedrock (paralithic) Bedrock (paralithic)	Kind Depth to Top In Bedrock (paralithic) 4-12 Bedrock (paralithic) 14-20 Bedrock (paralithic) 14-20	Bedrock (paralithic) 14-20 Bedrock (paralithic) 14-20 Bedrock (paralithic) 14-20 Bedrock (paralithic) 14-20	Kind Depth to Top to Thickness Hardness In In Bedrock (paralithic) 4-12 Bedrock (paralithic) 14-20 Bedrock (paralithic) 14-20 Bedrock (paralithic) 14-20 Bedrock (paralithic) 14-20 Bedrock (paralithic) 6-14 Bedrock (paralithic) 14-20 Bedrock (paralithic) 14-20 Bedrock (paralithic) 14-20 Bedrock (paralithic) 14-20	No. No.	Kind Depth to Top Thickness Hardness Initial Total Bedrock (paralithic) 4-12 0 Bedrock (paralithic) 14-20 0	Note	Note

Esmeralda County Area, Nevada

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of C Uncoated Steel Moderate Moderate Moderate Moderate Moderate Moderate	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
324:					_				
Alcan	Bedrock (paralithic)	6-14			0		Moderate	Moderate	Low
Thike	Bedrock (lithic)	5-14			0		Moderate	Moderate	Low
30:									
Hiridge	Bedrock (paralithic)	14-20			0		Moderate	Moderate	Low
	Bedrock (lithic)	24-28							
Kiote					0		Moderate	Moderate	Low
Rock Outcrop									
31:									
Hiridge	Bedrock (paralithic)	14-20			0		Moderate	Moderate	Low
	Bedrock (lithic)	24-28							
Squawtip	Bedrock (paralithic)	20-40			0		Moderate	Moderate	Low
Bellehelen	Bedrock (lithic)	7-14			0		Moderate	Moderate	Low

632:

Map Symbol		Restrict	tive Layer		Subsi	dence	Potential	Risk of C Uncoated Steel Moderate Moderate High High High High	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
632: Hiridge	Bedrock (paralithic)	14-20			0		Moderate	Moderate	Low
	Bedrock (lithic)	24-28							
Ravenswood Variant	Bedrock (paralithic)	20-40			0		Moderate	Moderate	Low
Rock Outcrop									
633:	De des el Verene Pileto	44.00			0		Madagata	Madagata	Laur
Hiridge	Bedrock (paralithic)	14-20			0		Moderate	Moderate	Low
	Bedrock (lithic)	24-28							
Cucamungo	Bedrock (paralithic)	14-20			0		Moderate	High	Low
Ravenswood	Bedrock (lithic)	30-40			0		Moderate	Moderate	Low
640:									
Logring	Bedrock (lithic)	7-14			0		Moderate	High	Low
Kyler	Bedrock (lithic)	6-14			0		Moderate	High	Low
Ubehebe	Bedrock (paralithic)	14-20			0		Moderate	High	Low
641.									

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		ln	In			
641: Logring	Bedrock (lithic)	7-14			0		Moderate	High	Low
Brier	Bedrock (lithic)	14-20			0		Moderate	Moderate	Low
Armespan Variant	Duripan	14-20	4-17		0		Moderate	High	Low
650:									
Gabbvally	Bedrock (lithic)	6-14			0		Moderate	Moderate	Low
Stewval	Bedrock (lithic)	4-14			0		Moderate	Moderate	Low
Vindicator	Bedrock (paralithic)	4-14			0		Low	High	Low
651:									
Gabbvally	Bedrock (lithic)	6-14			0		Moderate	Moderate	Low
Bellehelen	Bedrock (lithic)	7-14			0		Moderate	Moderate	Low
Stewval	Bedrock (lithic)	4-14			0		Moderate	Moderate	Low
652:									
Gabbvally	Bedrock (lithic)	6-14			0		Moderate	Moderate	Low

	Restricti	ive Layer		Subsi	dence	Potential	Risk of C Uncoated Steel High Moderate Moderate High High	corrosion
Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action		Concrete
	In	ln		In	In	•		
Bedrock (lithic)	14-20			0		Low	High	Low
5								
Bedrock (lithic)	6-14			0		Moderate	Moderate	Low
Bedrock (lithic)	14-20			0		Moderate	Moderate	Low
Bedrock (lithic)	6-14			0		Moderate	Moderate	Low
Duripan	14-20	0-3		0		Moderate	High	Low
Bedrock (lithic)	14-20							
Bedrock (paralithic)	6-14			0		Low	High	Low
Padrook (lithia)	6.14			0		Modorata	Madarata	Low
	Bedrock (lithic) Bedrock (lithic) Bedrock (lithic) Bedrock (lithic) Duripan Bedrock (lithic)	Kind Depth to Top In Bedrock (lithic) 14-20 Bedrock (lithic) 6-14 Bedrock (lithic) 14-20 Bedrock (lithic) 6-14 Duripan 14-20 Bedrock (lithic) 14-20 Bedrock (lithic) 14-20 Bedrock (lithic) 6-14	In In In In Bedrock (lithic) 14-20	Kind Depth to Top to Top Thickness Hardness In In In Bedrock (lithic) 14-20 Bedrock (lithic) 6-14 Bedrock (lithic) 14-20 Bedrock (lithic) 6-14 Duripan 14-20 0-3 Bedrock (lithic) 14-20 Bedrock (paralithic) 6-14	Kind Depth to Top Thickness Hardness Initial Bedrock (lithic) 14-20 0 0 Bedrock (lithic) 6-14 0 Bedrock (lithic) 14-20 0 Bedrock (lithic) 6-14 0 Duripan 14-20 0-3 0 Bedrock (lithic) 14-20 0 Bedrock (paralithic) 6-14 0	Note	Note	Kind Depth to Top Thickness Hardness Initial Total For Frost Action Uncoated Steel Bedrock (lithic) 14-20 0 Low High Bedrock (lithic) 6-14 0 Moderate Moderate Bedrock (lithic) 14-20 0 Moderate Moderate Duripan 14-20 0-3 0 Moderate High Bedrock (lithic) 14-20 0 Moderate High Bedrock (paralithic) 6-14 0 Moderate High

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of C Uncoated Steel Moderate High Moderate High Moderate High	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action		Concrete
	•	In	In		In	In	•		
655: Brier	Bedrock (lithic)	14-20			0		Moderate	Moderate	Low
Wahguyhe	Bedrock (lithic)	14-20			0		Low	High	Low
656: Gabbvally	Bedrock (lithic)	6-14			0		Moderate	Moderate	Low
Beelem	Bedrock (lithic)	3-9			0		Moderate	High	Low
Rock Outcrop									
658: Gabbvally	Bedrock (lithic)	6-14			0		Moderate	Modorato	Low
Gabbvally	Bedrock (IIIIIIC)	0-14			U		woderate	Moderate	LOW
Downeyville	Bedrock (lithic)	4-14			0		Low	High	Low
Rock Outcrop									
660: Bellehelen	Bedrock (lithic)	7-14			0		Moderate	Moderate	Low
Brier	Bedrock (lithic)	14-20			0		Moderate	Moderate	Low

Map Symbol		Restric	tive Layer		Subsi	idence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
660: Stewval	Bedrock (lithic)	4-14			0		Moderate	Moderate	Low
661:									
Bellehelen	Bedrock (lithic)	7-14			0		Moderate	Moderate	Low
Stewval	Bedrock (lithic)	4-14			0		Moderate	Moderate	Low
680:									
Malmesa	Duripan	14-20	0-3		0		Moderate	High	Low
	Bedrock (lithic)	14-20							
Gabbvally	Bedrock (lithic)	6-14			0		Moderate	Moderate	Low
Stewval	Bedrock (lithic)	4-14			0		Moderate	Moderate	Low
681:									
Malmesa	Duripan	14-20	0-3		0		Moderate	High	Low
	Bedrock (lithic)	14-20							
Wahguyhe	Bedrock (lithic)	14-20			0		Low	High	Low
Bellehelen	Bedrock (lithic)	7-14			0		Moderate	Moderate	Low

Thickness In 0-3	Hardness	Initial In 0	Total In 	for Frost Action Moderate Moderate	Uncoated Steel High Moderate	Concrete Low
0-3		0		Moderate	Moderate	
		0		Moderate	Moderate	
						Low
						Low
		0		Moderate		
					Moderate	Low
0-3		0		Moderate	High	Low
		Ü		Moderate	. ng	2011
		0		Moderate	Moderate	Low
		0		Low	High	Low
		0		Moderate	High	Low
		0		Moderate	High	Low
		0		Low	High	Low
			0	0	0 Moderate	0 Moderate High

Map Symbol		Restricti	ive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
691: Entero	Bedrock (paralithic)	5-14			0		Moderate	High	Low
Ubehebe	Bedrock (paralithic)	14-20			0		Moderate	High	Low
Penelas	Bedrock (paralithic)	5-14			0		Moderate	High	Low
692:	Dadra da (nandithia)	5.44			0		Madayata	l li ala	Law
Entero	Bedrock (paralithic)	5-14			0		Moderate	High	Low
Penelas	Bedrock (paralithic)	5-14			0		Moderate	High	Low
Slatery	Bedrock (paralithic)	4-12			0		Low	High	Low
693:									
Entero	Bedrock (paralithic)	5-14			0		Moderate	High	Low
Rodad	Bedrock (paralithic)	4-14			0		Low	High	Low
700:									
Armoine	Bedrock (paralithic)	14-20			0		Moderate	High	Low
Blappert	Bedrock (paralithic)	6-14			0		Low	High	Low

Map Symbol		Restrict	tive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In	•		
700: Advokay	Bedrock (paralithic)	4-14			0		Low	High	Low
701: Armoine	Dodrock (norolithia)	14-20			0		Moderate	Lliab	Low
Armoine	Bedrock (paralithic)	14-20			U		Moderate	High	Low
Tulecan	Bedrock (paralithic)	14-20			0		Moderate	Moderate	Low
702:									
Armoine	Bedrock (paralithic)	14-20			0		Moderate	High	Low
Blappert	Bedrock (paralithic)	6-14			0		Low	High	Low
Rock Outcrop									
703:									
Armoine	Bedrock (paralithic)	14-20			0		Moderate	High	Low
Pumel	Bedrock (paralithic)	4-14			0		Low	High	Low
Rock Outcrop									
704:									
Armoine	Bedrock (paralithic)	14-20			0		Moderate	High	Low

Esmeralda County Area, Nevada

Map Symbol		Restrict	ve Layer		Subsi	dence	Potential	Risk of Corrosion	
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In	•		
704:									
Rock Outcrop									
Tulecan	Bedrock (paralithic)	14-20			0		Moderate	Moderate	Low
705:									
Armoine	Bedrock (paralithic)	14-20			0		Moderate	High	Low
Penelas	Bedrock (paralithic)	5-14			0		Moderate	High	Low
706:									
Armoine	Bedrock (paralithic)	14-20			0		Moderate	High	Low
Itme					0		Low	High	Low
Lathrop					0		Low	High	Low
710:									
Tokoper	Duripan	8-14	0-3		0		Low	High	Low
	Bedrock (lithic)	8-15							
Blacktop	Bedrock (lithic)	4-10			0		Low	High	Low

711:



Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In	•		
711: Tokoper	Duripan	8-14	0-3		0		Low	High	Low
	Bedrock (lithic)	8-15							
Ardivey					0		Low	High	Low
712:									
Tokoper	Duripan	8-14	0-3		0		Low	High	Low
	Bedrock (lithic)	8-15							
Stewval	Bedrock (lithic)	4-14			0		Moderate	Moderate	Low
713:									
Tokoper	Duripan	8-14	0-3		0		Low	High	Low
	Bedrock (lithic)	8-15							
Upspring	Bedrock (lithic)	4-14			0		None	High	Low
Rock Outcrop									
715: Downeyville	Bedrock (lithic)	4-14			0		Low	High	Low

Map Symbol		Restricti	ive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
715: Tokoper	Duripan	8-14	0-3		0		Low	High	Low
Токорет	Dunpan	0-14	0.5		Ü		LOW	riigii	LOW
	Bedrock (lithic)	8-15							
Pintwater	Bedrock (lithic)	10-20			0		Low	High	Low
720: Penelas	Bedrock (paralithic)	5-14			0		Moderate	High	Low
relicias	Bedrock (paraittiic)	3-14			O		Woderate	riigii	LOW
Weepah	Bedrock (paralithic)	4-12			0		Moderate	High	Moderate
721:	5								
Penelas	Bedrock (paralithic)	5-14			0		Moderate	High	Low
Ubehebe	Bedrock (paralithic)	14-20			0		Moderate	High	Low
Entero	Bedrock (paralithic)	5-14			0		Moderate	High	Low
723: Penelas	Bedrock (paralithic)	5-14			0		Moderate	High	Low
	(F				-			·g. ·	
Slatery	Bedrock (paralithic)	4-12			0		Low	High	Low

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of Corrosion	
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		ln	In		In	In			
723: Rock Outcrop									
724:									
Penelas	Bedrock (paralithic)	5-14			0		Moderate	High	Low
Entero	Bedrock (paralithic)	5-14			0		Moderate	High	Low
Weepah	Bedrock (paralithic)	4-12			0		Moderate	High	Moderate
730:									
Koyen					0		Low	High	Low
Stumble					0		Low	High	Low
Penoyer					0		Moderate	High	Low
741:									
Tulecan	Bedrock (paralithic)	14-20			0		Moderate	Moderate	Low
Ubehebe	Bedrock (paralithic)	14-20			0		Moderate	High	Low
Armoine	Bedrock (paralithic)	14-20			0		Moderate	High	Low

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
760: Lazan	Bedrock (paralithic)	4-10			0		Low	Moderate	Low
Rock Outcrop									
Cucamungo	Bedrock (paralithic)	14-20			0		Moderate	High	Low
761: Lazan	Bedrock (paralithic)	4-10			0		Low	Moderate	Low
Squawtip	Bedrock (paralithic)	20-40			0		Moderate	Moderate	Low
770: Alcan	Bedrock (paralithic)	6-14			0		Moderate	Moderate	Low
Alcan	Bedrock (paralithic)	6-14			0		Moderate	Moderate	Low
Cucamungo	Bedrock (paralithic)	14-20			0		Moderate	High	Low
780: Lyda	Duripan	8-14	4-17		0		Low	High	Low
Ardivey					0		Low	High	Low

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
780: Izo					0		Low	High	Low
781:	Durings	0.44	4.47		0		Laur	I.PII.	Laur
Lyda	Duripan	8-14	4-17		0		Low	High	Low
Itme					0		Low	High	Low
Lathrop					0		Low	High	Low
790:	Durings	44.00	4.47		0		Madayata	l li ala	Law
Handpah	Duripan	14-20	4-17		0		Moderate	High	Low
Zadvar	Duripan	10-14	4-17		0		Moderate	High	Low
Lyda	Duripan	8-14	4-17		0		Low	High	Low
791:									
Handpah	Duripan	14-20	4-17		0		Moderate	High	Low
Veet					0		Moderate	High	Low
792:									
Handpah	Duripan	14-20	4-17		0		Moderate	High	Low

Esmeralda County Area, Nevada

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of Corrosion	
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
792:									
Breko					0		Moderate	High	Low
Veet					0		Moderate	High	Low
793:									
Handpah	Duripan	14-20	4-17		0		Moderate	High	Low
794:									
Handpah	Duripan	14-20	4-17		0		Moderate	High	Low
Tomel	Duripan	10-20	4-17		0		Low	High	Low
Breko					0		Moderate	High	Low
800:									
Garhill	Duripan	7-14	4-17		0		Low	High	Low
	Bedrock (lithic)	12-30							
Upspring	Bedrock (lithic)	4-14			0		None	High	Low
Rock Outcrop									

811:



Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of Corrosion	
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In	•		
811: Slatery	Bedrock (paralithic)	4-12			0		Low	High	Low
Rodad	Bedrock (paralithic)	4-14			0		Low	High	Low
812: Slatery	Bedrock (paralithic)	4-12			0		Low	High	Low
Entero	Bedrock (paralithic)	5-14			0		Moderate	High	Low
Rock Outcrop									
813: Slatery	Bedrock (paralithic)	4-12			0		Low	High	Low
820: Thike	Bedrock (lithic)	5-14			0		Moderate	Moderate	Low
Alcan	Bedrock (paralithic)	6-14			0		Moderate	Moderate	Low
821: Thike	Bedrock (lithic)	5-14			0		Moderate	Moderate	Low
Rock Outcrop									

Map Symbol		Restrict	tive Layer		Subsi	dence	Potential	Risk of Corrosion	
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In	•		
821: Thike	Bedrock (lithic)	5-14			0		Moderate	Moderate	Low
830: Yermo					0		Low	High	Low
Temio					U		LOW	riigii	LOW
Arizo					0		Low	High	Low
Arizo					0			High	Low
831: Yermo					0		Low	High	Low
romo					O		LOW	riigii	LOW
Skelon	Duripan	20-40	4-17		0		Low	High	Low
833:									
Yermo					0		Low	High	Low
Arizo					0			High	Low
Skelon	Duripan	20-40	4-17		0		Low	High	Low
851:									
Skelon	Duripan	20-40	4-17		0		Low	High	Low

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Map Symbol		Restric	tive Layer		Subsi	dence	Potential	Risk of Corrosion	
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		ln	In		In	In	•		
851:					0		1	I P a b	1
Yermo					0		Low	High	Low
Arizo					0		Low	High	Low
000									
860: Orwash					0		Low	High	Low
								Ü	
Arizo					0			High	Low
Playas									
861:									
Orwash					0		Low	High	Low
Arizo					0			High	Low
Alizo					U			rligii	LOW
Arizo					0		Low	High	Low
371: Arizo					0		Low	High	Low
Alizo					U		LOW	riigii	LOW
Arizo					0			High	Low
0					Ŭ			ყ	LOW

Esmeralda County Area, Nevada

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of Corrosion	
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
880:					•				
Scottcas					0		Low	High	Moderate
Yermo					0		Low	High	Low
881:									
Scottcas					0		Low	High	Moderate
Skelon	Duripan	20-40	4-17		0		Low	High	Low
Yermo					0		Low	High	Low
900:									
Playas					0		None	High	High
901:									
Badland	Bedrock (paralithic)	1-4			0		None	High	High
Belcher	Duripan	5-18	4-17		0		Low	High	Low
	Bedrock (paralithic)	10-20							
Belted	Duripan	6-14	4-17		0		Low	High	Low



Esmeralda County Area, Nevada

Map Symbol		Restricti	ive Layer		Subsi	idence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
200		In	In		In	ln			
902: Slickens					0		None	High	High
905:									
Badland	Bedrock (paralithic)	1-4			0		None	High	High
910:					_				
Stargo					0		Low	High	Low
Playas					0		None	High	High
920:									
Fuegosta	Duripan	14-20	4-17		0		Low	High	Low
Tomel	Duripan	10-20	4-17		0		Low	High	Low
Izo					0		Low	High	Low
921:									
Fuegosta	Duripan	14-20	4-17		0		Low	High	Low
Unsel					0		Low	High	Low

Esmeralda County Area, Nevada

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
931: Laxal					0		Low	High	Moderate
Wardenot					0		Low	High	Low
Ardivey					0		Low	High	Low
940:									
Belted	Duripan	6-14	4-17		0		Low	High	Low
Keefa					0		Low	High	Low
941:									
Belted	Duripan	6-14	4-17		0		Low	High	Low
Lathrop					0		Low	High	Low
950:	Bedrock (lithic)	20-40			0		Moderate	Lliah	Low
Sylvaniam	Bedrock (IIIIIIC)	ZU-4U			U		woderate	High	LOW
Logring	Bedrock (lithic)	7-14			0		Moderate	High	Low
Rock Outcrop									



Map Symbol		Restrict	tive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
	•	In	In		In	In		•	
960: Beano	Duripan	15-20	4-17		0		Low	High	Low
Wardenot					0		Low	High	Low
961: Beano	Duripan	15-20	4-17		0		Low	High	Low
Annaw					0		Low	High	Low
Wardenot					0		Low	High	Low
970:									
Blappert	Bedrock (paralithic)	6-14			0		Low	High	Low
Pumel	Bedrock (paralithic)	4-14			0		Low	High	Low
971: Blappert	Bedrock (paralithic)	6-14			0		Low	High	Low
Slatery	Bedrock (paralithic)	4-12			0		Low	High	Low
980: Geer					0		Low	High	Low

Esmeralda County Area, Nevada

Map Symbol		Restricti	ve Layer		Subsi	idence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In			
990: Sodaspring					0		Low	High	Moderate
Izo					0		Low	High	Low
1000:									
Keefa					0		Low	High	Low
Itme					0		Low	High	Low
1010: Scottcas Variant	Duripan	8-14	4-17		0		Low	High	Low
1020: Upspring	Bedrock (lithic)	4-14			0		None	High	Low
1021: Upspring	Bedrock (lithic)	4-14			0		None	High	Low
Skelon	Duripan	20-40	4-17		0		Low	High	Low
Rock Outcrop									



Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of Corrosion	
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
1000		In	In		In	In			
1030: Papoose					0		Low	High	Low
Roic	Bedrock (paralithic)	4-14			0		Low	High	High
Cirac					0		Low	High	High
1031: Papoose					0		Low	High	Low
1032: Papoose					0		Low	High	Low
Cirac					0		Low	High	High
1033: Papoose					0		Low	High	Low
Roic	Bedrock (paralithic)	4-14			0		Low	High	High
1034: Papoose					0		Low	High	Low
Izo					0		Low	High	Low

Map Symbol		Restricti	ive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In	•		
1035: Papoose					0		Low	High	Low
Stumble					0		Low	High	Low
1050: Beelem	Bedrock (lithic)	3-9			0		Moderate	High	Low
Rock Outcrop									
Bellehelen	Bedrock (lithic)	7-14			0		Moderate	Moderate	Low
1060:					0		Low	Lliab	Low
Wrango					0		Low	High	Low
Zadvar	Duripan	10-14	4-17		0		Moderate	High	Low
Veet					0		Moderate	High	Low
1070: Squawtip	Bedrock (paralithic)	20-40			0		Moderate	Moderate	Low
Очистр	Bodiook (parantilo)	20 40			Ü		Moderate	Moderate	LOW
Gabbvally	Bedrock (lithic)	6-14			0		Moderate	Moderate	Low

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of C	Corrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In	•	•	
1070: Rock Outcrop									
1080:									
Ravenswood	Bedrock (lithic)	30-40			0		Moderate	Moderate	Low
Wahguyhe	Bedrock (lithic)	14-20			0		Low	High	Low
Brier	Bedrock (lithic)	14-20			0		Moderate	Moderate	Low
1081: Ravenswood	Bedrock (lithic)	30-40			0		Moderate	Moderate	Low
Navenswood	Dedrock (IIIIIIC)	30-40			Ü		Moderate	Woderate	LOW
Brier	Bedrock (lithic)	14-20			0		Moderate	Moderate	Low
1090:									
Zibate	Bedrock (lithic)	4-20			0			High	Low
Blacktop	Bedrock (lithic)	4-10			0		Low	High	Low
Rock Outcrop									
1120:									
Rodad	Bedrock (paralithic)	4-14			0		Low	High	Low

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of Corrosion	
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In	•		
120: Entero	Bedrock (paralithic)	5-14			0		Moderate	High	Low
l121:									
Rodad	Bedrock (paralithic)	4-14			0		Low	High	Low
Theriot	Bedrock (lithic)	4-20			0		Low	High	Low
Rock Outcrop									
1122:									
Ardivey					0		Low	High	Low
Rodad	Bedrock (paralithic)	4-14			0		Low	High	Low
Theriot	Bedrock (lithic)	4-20			0		Low	High	Low
1123:									
Rodad	Bedrock (paralithic)	4-14			0		Low	High	Low
Roic	Bedrock (paralithic)	4-14			0		Low	High	High
Theriot	Bedrock (lithic)	4-20			0		Low	High	Low
124:									

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of C	orrosion
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In	•		
1124: Rodad	Bedrock (paralithic)	4-14			0		Low	High	Low
Slatery	Bedrock (paralithic)	4-12			0		Low	High	Low
Leo					0		Low	High	Low
1125:									
Rodad	Bedrock (paralithic)	4-14			0		Low	High	Low
Theriot	Bedrock (lithic)	4-20			0		Low	High	Low
Kyler	Bedrock (lithic)	6-14			0		Moderate	High	Low
1140: Handpah Variant					0		Low	Moderate	Low
Veet					0		Moderate	High	Low
Veet Variant					0		Moderate	High	Low
1150:									
Brier	Bedrock (lithic)	14-20			0		Moderate	Moderate	Low

Map Symbol		Restrict	ive Layer		Subsi	dence	Potential	Risk of Corrosion	
and Soil Name	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In	•		
1150: Squawtip	Bedrock (paralithic)	20-40			0		Moderate	Moderate	Low
Gabbvally	Bedrock (lithic)	6-14			0		Moderate	Moderate	Low
1151: Brier	Bedrock (lithic)	14-20			0		Moderate	Moderate	Low
Bellehelen	Bedrock (lithic)	7-14			0		Moderate	Moderate	Low
Gabbvally	Bedrock (lithic)	6-14			0		Moderate	Moderate	Low
	Bediook (iitilio)	0-14			Ü		Moderate	Moderate	LOW
1160: Mohocken	Bedrock (paralithic)	20-30			0		Moderate	Moderate	Low
Cucamungo	Bedrock (paralithic)	14-20			0		Moderate	High	Low
Ravenswood	Bedrock (lithic)	30-40			0		Moderate	Moderate	Low
1200: Armespan Variant	Duripan	14-20	4-17		0		Moderate	High	Low
·	•							-	
Handpah	Duripan	14-20	4-17		0		Moderate	High	Low

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total	for Frost Action	Uncoated Steel	Concrete
		In	In		In	In	•		
1200:					_				
Ubehebe	Bedrock (paralithic)	14-20			0		Moderate	High	Low
1210:									
Armespan					0		Moderate	High	Low
Zadvar	Duripan	10-14	4-17		0		Moderate	High	Low
Veet					0		Moderate	Himb	Low
veet					U		Moderate	High	Low
1220:									
Miscellaneous Water									
4004.									
1221: Water									
vvalci									